

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/16757

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : C22C 24/00, 45/00

US CL : 148/403; 420/415

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 148/403; 420/415

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	JP 59-060233 A (AISIN SEIKI et al.) 06 April 1984 (06.04.1984), see entire document.	1-7

Y		14
Y	US 5,429,725 A (THORPE et al.) 04 July 1995 (04.07.1995), see columns 9 and 10.	14
A	US 5,198,042 A (MASUMOTO et al.) 30 March 1993 (30.03.1993), see entire document.	1-14
A	JP 03-260038 A (HONDA MOTOR CO) 20 November 1991 (20.11.1991), see entire document.	1-14
A,P	JP 2003-282053 A (TOSHIBA KK) 03 October 2003 (03.10.2003), see entire document.	1-14

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

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"P" document published prior to the international filing date but later than the priority date claimed

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"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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"&" document member of the same patent family

Date of the actual completion of the international search

05 October 2004 (05.10.2004)

Date of mailing of the international search report

19 OCT 2004

Name and mailing address of the ISA/US

Mail Stop PCT, Attn: ISA/US

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